

INDEX TO VOLUME LI, 1981

Subjects of *Book Reviews*, *Editorial*, *Notices to Marine Observers*, photographs and persons named in *Retirement* and *Obituary* notices are indexed under these general headings.

- Abbey*, 12
Act 7, 108, 178
Admiral Beaufort, 14
Afric Star, 175
Anco Empress, 17
 Anticrepuscular rays, North Atlantic, 118
Appleby, 119
Atlantic Causeway, 62, 109
 Aurora, North Atlantic, 17, 172
 Aurora Notes:
 January to March 1980, 34
 April to June 1980, 86
 July to September 1980, 132
 October to December 1980, 204
 Awards, special long-service:
 CURRIE, Capt. J. K., 34
 HAMMOND, Capt. B., 34
 McKAY, Capt. J. A., 34
 MICHAEL, Capt. R. M., 34

 Ball lightning and St Elmo's Fire, Arabian Sea, 57
 Barographs, Presentation of, 85
 Bat, North Atlantic, 181
Belloc, 181, 184
Bentworth, 185
 Bioluminescence:
 Arabian Sea, 16, 17
 Celebes Sea, 17
 Gulf of Mexico, 182
 Gulf of Panama, 65
 Laccadive Sea, 65
 Malacca Strait, 116
 South China Sea, 66
Birchbank, 120
 Birds:
 Barents Sea, 111
 Eastern North Atlantic, 14
 Eastern South Pacific, 180
 Indian Ocean, 178, 179
 Magellan's Straits, 181
 Mediterranean, 63
 North Atlantic, 112
 Persian Gulf, 15
 Red Sea, 63
 Western North Atlantic, 61, 62
 White Sea, 111
 Book Reviews:
 Comecon Merchant Ships, Ambrose Greenway, 142
 Dictionary of Shipping and Shipbroking Terms,
 Peter R. Brodie, 93
 Navigation Afloat—A Manual for the Seaman,
 Alton B. Moody, 93
 Shipbroking and Chartering Practice, R. Ihre,
 L. Gorton and A. Sandeværn, 93
 Soviet Merchant Ships, Ambrose Greenway, 141
Border Castle, 117
Botany Bay, 175
British Avon, 9, 10
British Explorer, 16
British Fern, 172
British Loyalty, 15, 176
British Patience, 186
British Pioneer, 181
British Poplar, 67, 170
British Resolution, 109

C.P. Voyageur, 107
Cape Leeuwin, 115
 Cetacea:
 Arabian Sea, 12, 176
 Eastern North Atlantic, 11
 Eastern North Pacific, 110
 Gulf of Siam, 59
 Mediterranean, 11, 58
 North Atlantic, 109
 South Atlantic, 175
 Southern Ocean, 175
 Cetaceans observed on passage from Palma to Plymouth, A report on, 77
City of London, 6
Clan Graham, 65
 Cloud:
 Bass Strait, 108
 Indian Ocean, 173
 North Atlantic, 107
 Strait of Gibraltar, 107
 Code for ships' observations, A new meteorological,
 31, 196
Columbia Star, 114
 Current rip:
 Eastern North Atlantic, 10
 Western North Atlantic, 109

Dart Atlantic, 17
Dart Canada, 7
 DAVIDSEN, E. and B. HANSEN, The Faeroese wave
 and current measuring project, 69
 DAVIS, N. E., A global look at the world's weather,
 128
 Depression;
 South Pacific, 8
 Western South Atlantic, 54
Devonbrook, 60
Dolphin Point, 113
Donga, 54
Dover Universal, 172

 Editorial, 4
 Elder Dempster Lines Ltd, 82
 Excellent Awards:
 British, 96
 Indian, 202

 Faeroese wave and current measuring project, 69
 Fleet Lists:
 Australia, 159
 Great Britain, 44, 144
 Hong Kong, 47, 161
 India, 162
 New Zealand, 47
Flinders Bay, 113
 Flying fish, Gulf of Mexico, 177

 Green flash, Western North Atlantic, 67

 Halo, Solar and Parheliac, Mediterranean, 66
Hampshire, 118

INDEX TO VOLUME LI, 1981

Subjects of *Book Reviews*, *Editorial*, *Notices to Marine Observers*, photographs and persons named in *Retirement* and *Obituary* notices are indexed under these general headings.

- Abbey*, 12
Act 7, 108, 178
Admiral Beaufort, 14
Afric Star, 175
Anco Empress, 17
 Anticrepuscular rays, North Atlantic, 118
Appleby, 119
Atlantic Causeway, 62, 109
 Aurora, North Atlantic, 17, 172
 Aurora Notes:
 January to March 1980, 34
 April to June 1980, 86
 July to September 1980, 132
 October to December 1980, 204
 Awards, special long-service:
 CURRIE, Capt. J. K., 34
 HAMMOND, Capt. B., 34
 MCKAY, Capt. J. A., 34
 MICHAEL, Capt. R. M., 34
- Ball lightning and St Elmo's Fire, Arabian Sea, 57
 Barographs, Presentation of, 85
 Bat, North Atlantic, 181
Belloc, 181, 184
Bentworth, 185
 Bioluminescence:
 Arabian Sea, 16, 17
 Celebes Sea, 17
 Gulf of Mexico, 182
 Gulf of Panama, 65
 Laccadive Sea, 65
 Malacca Strait, 116
 South China Sea, 66
Birchbank, 120
 Birds:
 Barents Sea, 111
 Eastern North Atlantic, 14
 Eastern South Pacific, 180
 Indian Ocean, 178, 179
 Magellan's Straits, 181
 Mediterranean, 63
 North Atlantic, 112
 Persian Gulf, 15
 Red Sea, 63
 Western North Atlantic, 61, 62
 White Sea, 111
 Book Reviews:
 Comecon Merchant Ships, Ambrose Greenway, 142
 Dictionary of Shipping and Shipbroking Terms,
 Peter R. Brodie, 93
 Navigation Afloat—A Manual for the Seaman,
 Alton B. Moody, 93
 Shipbroking and Chartering Practice, R. Ihre,
 L. Gorton and A. Sandeværn, 93
 Soviet Merchant Ships, Ambrose Greenway, 141
Border Castle, 117
Botany Bay, 175
British Avon, 9, 10
British Explorer, 16
British Fern, 172
British Loyalty, 15, 176
British Patience, 186
British Pioneer, 181
British Poplar, 67, 170
British Resolution, 109
- C.P. Voyageur*, 107
Cape Leeuwin, 115
 Cetacea:
 Arabian Sea, 12, 176
 Eastern North Atlantic, 11
 Eastern North Pacific, 110
 Gulf of Siam, 59
 Mediterranean, 11, 58
 North Atlantic, 109
 South Atlantic, 175
 Southern Ocean, 175
 Cetaceans observed on passage from Palma to Plymouth, A report on, 77
City of London, 6
Clan Graham, 65
 Cloud:
 Bass Strait, 108
 Indian Ocean, 173
 North Atlantic, 107
 Strait of Gibraltar, 107
 Code for ships' observations, A new meteorological,
 31, 196
Columbia Star, 114
 Current rip:
 Eastern North Atlantic, 10
 Western North Atlantic, 109
- Dart Atlantic*, 17
Dart Canada, 7
 DAVIDSEN, E. and B. HANSEN, The Faeroese wave
 and current measuring project, 69
 DAVIS, N. E., A global look at the world's weather,
 128
 Depression;
 South Pacific, 8
 Western South Atlantic, 54
Devonbrook, 60
Dolphin Point, 113
Donga, 54
Dover Universal, 172
- Editorial, 4
 Elder Dempster Lines Ltd, 82
 Excellent Awards:
 British, 96
 Indian, 202
- Faeroese wave and current measuring project, 69
 Fleet Lists:
 Australia, 159
 Great Britain, 44, 144
 Hong Kong, 47, 161
 India, 162
 New Zealand, 47
Flinders Bay, 113
 Flying fish, Gulf of Mexico, 177
- Green flash, Western North Atlantic, 67
- Halo, Solar and Parheliac, Mediterranean, 66
Hampshire, 118

HANSEN, B. and E. DAVIDSEN, The Faeroese wave and current measuring project, 69

Heavy Weather:

North Sea, 170

S.W. Approaches, 7

Hurricane:

Bonnie, North Atlantic, 103

Frances, North Atlantic, 104

Ice conditions in areas adjacent to the North Atlantic,

36, 88, 135, 208

Iceberg, South Pacific, 174

Insects:

Caribbean Sea, 15

Eastern North Atlantic, 64

Great Australian Bight, 115

North Pacific, 114

North Sea, 113

Orinoco River, 15

International Ice Patrol, The, 20

Jack Wharton, 177

Jamaica Producer, 67

Jervis Bay, 55

King Alfred, 64

King Charles, 61

King George, 59, 66

Kowloon Bay, 106, 178, 179

Laganbank, 13

Lindfield, 8

Liverpool Bay, 63

LIVESEY, R. J., Aurora notes, 34, 86, 132, 204

Lizard, Caribbean Sea, 113

London Confidence, 183

London Pride, 12, 64

Lyria, 116

Mairangi Bay, 11, 174

Marine Life:

Bay of Biscay, 12

Bay of California, 60

South Atlantic, 178

South China Sea, 13

South Pacific, 13

Western North Atlantic, 60

Marine Meteorology, The Contribution of, to Economic Development, 200

MACKIE, Capt. G. V., Weather routing of ships,

121

MCBREARTY, D. A., A report on Cetaceans on passage

from Palma to Plymouth, 77

Marseille, 107

Meteor:

North Atlantic, 119

South Atlantic, 184

Meteorological code for ship's observations, A new,

31, 196

Moreton Bay, 57

Notice to Marine Observers:

Nautical Officers of the Marine Division of the

Meteorological Office, Great Britain, 215

Obituary:

BEE, Capt. E., 213

NICOLSON, Mr J., 94

STEWART, Capt. E. D., 213

Oriental Expert, 17

Orographic cloud, Bass Strait, 108

Pacific Waza, 15

Photographs:

Cetaceans on passage from Palma to Plymouth,

opposite 80

Elder Dempster Lines, Three ships owned by,

opposite 81

Excellent Awards, Three best ships, opposite 130

GMS satellite over the Equator at 140°E, Plate 1,

following 130

GOES E satellite over the Equator at 75°W, Plate

4, following 130

GOES W satellite over the Equator at 135°W, Plate

5, following 130

METEOSAT satellite over the Equator and Green-

wich Meridian, Plate 3, following 130

Night Heron on board s.s. *Pollenger*, opposite 72

Owl seen on board *Singularity*, following 130

Presentation of barograph awards, opposite 73

Surface analysis at 0000 GMT on 15 March 1979 for

the Northern Hemisphere, opposite 131

Pollenger, 63

Prince Rupert City, 19

Rainbow, Lunar, North Atlantic, 184

refraction, Abnormal:

Little Minch, 117

North Atlantic, 183

Skagerrak, 67

Remuera Bay, 13

Report of work for 1980, 50

Rescue at sea, Caribbean Sea, 19

Resolution Bay, 110

Retirements:

BURY, Capt. J. E., 41

DAVIES, Capt. A. C., 213

GILHOOLEY, Mr J., 42

KENNY, Mr J. W., 214

MORTON, Capt. M. T., 41

O'SULLIVAN, Mr L. V., 42

PATERSON, Mr W., 143

RUTTER, Capt. J. J., 142

SHEARER, Capt. J. M., 142

SHEPHERD, Mr W. F., 42

TAYLOR, Capt. F. C., 94

TUCKER, Capt. O., 41

Rocket exploration of upper atmosphere, Arabian

Sea, 18

Royal Prince, 11, 114

Ruddbank, 18, 103

St Elmo's Fire:

Arabian Sea, 57

Western North Atlantic, 55

Sargasso weed, North Atlantic, 182

Saxonia, 60

Scottish Lion, 57

Serenia, 112

Servia, 15

Shower with oil, Heavy, Gulf of Guinea, 9

Silverford, 169

Singularity, 111

Squalls, South Pacific, 172

Stonepool, 104

Storm Severe:

Electrical, Gulf of Mexico, 57

Local, Gulf of Mexico, 55

North Pacific, 169

Strathewe, 58, 182

Summit, 184

SWAN, P. M., The passage of Tropical Cyclone 'Meli'

through the Fiji Islands in March 1979, 187

THOMPSON, R. D., Incidence and Extent of Tropical

Cyclones in the Fiji Islands, 189

Thunderstorms and St Elmo's Fire, Western North

Atlantic, 55

Tokyo Bay, 66

Tropical Cyclone 'Laure', Indian Ocean, 6
Tropical Cyclone 'Meli', The passage of, through the
Fiji Islands in March 1979, 187
Tropical Cyclones, Incidence and Extent of, in the
Fiji Islands, 189
Turquoise Bounty, 59
Turtles, Whales and dolphins, Arabian Sea, 176
Typhoon 'Orchid', North Pacific, 106

Unidentified flying object North Atlantic, 120

Unidentified phenomena:

North Atlantic, 185

South Atlantic, 186

Wave and current measuring project, The Faeroese,
69

Weather routing of ships, 121

Wild Cormorant, 65, 173, 182

Wild Curlew, 180

Wild Martin, 12

World's weather, A global look at the, 128

